

AMENDMENTS TO THE CLAIMS

Please cancel claims 1, 2, and 6 through 10 without prejudice. Amend the claims as shown in the following complete listing of all the claims.

1.-2. (Cancelled)

3. ~~The device recited in claim 2, further comprising~~ A heat transfer device for low temperature ablation of tissue, comprising:

first and second elongated segments, one of said first or second elongated segments

providing a closed end of said heat transfer device;

a bellows connecting said first and second elongated segments;

a tubular conduit disposed within and extending substantially through said first and

second elongated segments, said conduit having an inner lumen for transporting a

working fluid to a distal end of said one of said first or second elongated segments

providing a closed end of said heat transfer device;

a smooth outer surface on at least one of said first and second elongated segments; and

longitudinal ridges and grooves on said smooth outer surface.

4. ~~The device recited in claim 1, further comprising~~ A heat transfer device for low temperature ablation of tissue, comprising:

first and second elongated segments, one of said first or second elongated segments

providing a closed end of said heat transfer device;

a bellows connecting said first and second elongated segments;

a tubular conduit disposed within and extending substantially through said first and

second elongated segments, said conduit having an inner lumen for transporting a

working fluid to a distal end of said one of said first or second elongated segments

providing a closed end of said heat transfer device; and

an irregular interior surface within at least one of said first and second elongated

segments, said irregular interior surface being adapted to induce mixing within a

pressurized said working fluid.

5. ~~The device recited in claim 1, further comprising~~ A heat transfer device for low temperature ablation of tissue, comprising:

first and second elongated segments, one of said first or second elongated segments

providing a closed end of said heat transfer device;

a bellows connecting said first and second elongated segments;

a tubular conduit disposed within and extending substantially through said first and

second elongated segments, said conduit having an inner lumen for transporting a

working fluid to a distal end of said one of said first or second elongated segments

providing a closed end of said heat transfer device; and

a clot inhibiting outer surface coating on at least one of said first and second elongated segments.

6.-10. (Cancelled)